

**Academic Standards  
 Summary**

State: INDIANA

Grade: 9

**Purpose**

This report provides an analysis of Academic Standards using the average Indiana Performance Index (IPI) by subject for this group. The information may be used to analyze curriculum strengths and needs.



No. of Students: 80997

Test Date: 09/15/04

**Indiana Performance Index (IPI)**

The IPI is the expected number of items correct had 100 similar items been taken for the given Academic Standard. The Difference score is the Mean IPI minus the IPI at the passing cut score.

MC : Multiple-choice items  
 OE : Open-ended items  
 GR : Gridded response items  
 \*\* : Expected IPI for a student at the passing cut score

**STATE SUMMARY**

	Points Possible	IPI at Pass**	Mean Number Correct	Mean IPI	Difference	Number Mastery	Percent Mastery	Mean Number Correct	Mean IPI	Difference	Number Mastery	Percent Mastery
<b>English/language arts</b>												
1. Reading Vocabulary(MC)	10	66	7.1	71.3	5.3	53891	68					
2. Reading Comp.(MC,OE)	22	55	13.8	63.1	8.1	55158	69					
3. Lit. Response & Analysis(MC,OE)	21	69	15.2	73.0	4.0	54548	69					
4. Writing Process(MC)	5	68	3.7	73.5	5.5	53692	67					
5. Writing Applications(OE)	10	57	6.2	61.5	4.5	55266	70					
6. Lang. Conventions(MC,OE)	18	66	13.1	72.1	6.1	54461	70					
*Number of Students: 78171												
<b>Mathematics</b>												
1. Number Sense(MC)	9	42	4.8	53.8	11.8	54691	69					
2. Computation(MC)	10	47	5.9	58.7	11.7	54565	68					
3. Algebra & Functions(MC,OE)	25	33	12.2	48.8	15.8	54617	69					
4. Geometry(MC,OE)	9	33	4.3	48.3	15.3	55416	70					
5. Measurement(MC,OE,GR)	15	25	6.3	42.1	17.1	55454	70					
6. Data Analysis & Prob(MC,OE,GR)	11	36	5.7	51.5	15.5	55294	70					
7. Problem Solving(MC,OE)	15	23	6.0	39.4	16.4	55650	71					
*Number of Students: 78661												

\* Number of students that completed all tests in the content area. † Total number of all students that tested in either content area. Any student tested in both content areas is counted once. Adding the two-digit "IPI at Pass" scores will not result in the three-digit student score found on the Student Report.